

**VIRTUAL MACHINE/EXTENDED ARCHITECTURE (VM/XA) MIGRATION AID
RELEASE 2 ANNOUNCED**

o 5664-169

Contents

[Announcement Letter Number ZP83-0970 dated December 20, 1983](#)

[Europe Middle East Africa - Last Revised on December 20, 1983](#)

Brief Description of Announcement, Charges, and Availability

Customer Letter Section

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**VIRTUAL MACHINE/EXTENDED ARCHITECTURE (VM/XA) MIGRATION AID
RELEASE 2 ANNOUNCED**

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The VM/XA Migration Aid supports a maintenance, test, and production environment for the migration of MVS/370 to MVS/XA. This additional release of the Migration Aid is designed to offer additional device and virtual machine support.

The VM/XA Migration Aid Release 2 Licensed Program incorporates all the functions of Release 1 and offers additional device and virtual machine support.

Significant enhancements of Release 2 include:

- o Support of additional production and test environments (VSE/AF and OS/VS1).
- o Full support for the IBM 3203-5 Printer
- o Full support for the IBM 3380 and IBM 3375 DASD

- o Support for the IBM 3088 as a dedicated channel to channel adapter.

HIGHLIGHTS

- o Support of additional guests in the V=R and V=V area (VSE/AF and OS/VS1):

Support is provided to allow DOS/VSE (Release 3 at Service Level 8205 and later) and OS/VS1 (Release 7 with Basic Programming Extensions Release 3) to run in non-paging mode either in the V=V area or as a preferred guest in the V=R area. This will extend the capability of the VM/XA Migration Aid to those VSE/AF and OS/VS1 customers who have the need to migrate to MVS/XA.

- o Full support for the IBM 3203-5 Printer

Provides full support of the IBM 3203-5 printer including error recovery, device simulation, and the printing of SPOOL files.

- o Full support for the IBM 3380 and IBM 3375 DASD

Provides full support for the IBM 3375 and IBM 3380 for minidisks, utilities (format, directory, dumping, and restoring) and for all system data (paging, spooling, tdisk, directory and nucleus) and error recovery.

- o Support for the IBM 3088 as a dedicated channel to channel adapter

Allows use of the IBM 3088 as a dedicated channel-to-channel adapter for the inter-connection of processors.

COMPATIBILITY STATEMENT

The VM/XA Migration Aid Release 2 is upward compatible from Release 1. The intended VM/XA Migration Aid users are potential MVS/SA customers who are ready to migrate to MVS/XA and would like to maintain their existing production system while testing MVS/XA and associated subsystems, and MVS/XA customers who prefer to test and maintain their systems using a virtual machine facility. On a dyadic processor complex (such as an IBM 3081), the production machine may be run, in UP mode only, as the preferred virtual machine on one instruction processor (the 'dedicated processor'). The test virtual machines and CMS will run on the other instruction processor ('master processor'). In a uni-processor environment, any supported guest can be run as a test virtual machine in addition to the one production guest.

With Release 2 of the Migration Aid, the ability will exist to run OS/VS1 or VSE/AF as the preferred virtual machine, as well as test virtual machines.

PLANNED AVAILABILITY: October, 1984.

SPECIFIED OPERATING ENVIRONMENT

SOFTWARE REQUIREMENTS

Assembler H Version 2 is required to:

- o Generate extended architecture instruction streams
- o Generate VM/XA Migration Aid
- o Service VM/XA Migration Aid
- o EREP at the then current release level

PROGRAM INTERFACES

The VM/XA Migration Aid Release 2 is designed to support the

following operating systems as virtual machines:

- o All of the Release 1 environments plus:
 - OS/VS1 in a V=V or a V=R preferred area in UP mode
 - VSE/AF in a V=V or a V=R preferred area in UP mode

HARDWARE REQUIREMENTS

The VM/XA Migration Aid is designed to operate on the following IBM machines: all models of the IBM 4381 and IBM 308x processors (3084 in partitioned mode) operating in 370-XA mode to provide multiple MVS/XA testing environments.

STORAGE ESTIMATES

The resident nucleus for the VM/XA Migration Aid will be approximately one megabyte and the minimum supported storage size will be four megabytes.

PACKAGING

The VM/XA Migration Aid will be shipped with the combined components of:

- o VM/XA Migration Aid Control Program (CP)
- o VM/XA Migration Aid CMS (for installation and service of VM/XA Migration Aid and of licensed programs supported by VM/XA Migration Aid.)
- o VM/XA Migration Aid Dump Viewing Facility

CHARGES

Consult your IBM Marketing Representative for the following applicable charges:

- o Basic License: Initial Charge and Monthly Charge
- o DSLO : Initial Charge and Monthly Charge
- o Monthly Licensed Program Support Charges
- o Monthly Multiple Licensed Program Support Charges

TESTING PERIOD

- o Basic License: 60 days.
- o DSLO: None.

WARRANTED

- o Basic License

Yes, in accordance with the Agreement for IBM Licensed Programs.

- o DSLO: Not applicable.

INSTALLATION LICENSE APPLIES: No.

A separate license is required for each designated machine on which the licensed program materials will be used except as otherwise provided by IBM.

SOURCE MATERIALS

A subset of the source materials for VM/XA Migration Aid Release 2 will be available as restricted materials. In addition, some modules will be available without source licensed program materials. These modules will be available in object code.

PROGRAM SERVICES

CENTRAL SERVICE

Central Service, including the IBM Support Center, for the Basic License will be available until discontinued by IBM upon twelve (12) months' written notice. Central Service, including the IBM Support Center, will only be provided through the customer

location designated for the Basic License.

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Local Licensed Program Support will be available until discontinued by IBM upon twelve (12) months' written notice and will be provided under the terms and conditions of the Agreement for Local Licensed Program Support for IBM Licensed Programs at the Monthly Licensed Program Support Charge, Monthly Multiple Licensed Program Support Charge, or will be provided at the applicable programming service rate. Local Licensed Program Support under this agreement will only be furnished through the customer location designated for the Basic License and will be provided by IBM Customer Engineering.

ORDERING INFORMATION: Consult your IBM Marketing Representative.

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